

FORM PTO-1449 (Modified)

DEC 23 2004

ATTY. DOCKET NO.
TH-1808 (US)APPLICATION NUMBER
10/606,440LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
J. R. LOCKMEYER ET ALFILING DATE
6/26/03

GROUP ART UNIT

1755

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
PHH	AA	2,219,575	6/39	McNamee et al	260	348	
	AB	5,380,697	1/95	Matusz et al	502	348	
	AC	4,874,879	10/89	Lauritzen et al	549	536	
	AD	2002/0010094	1/2002	Lockemeyer	502	439	
	AE	4,389,338	6/83	Mitsuhata et al	252	463	
	AF	4,845,296	7/89	Ahmed et al	564	477	
	AG	4,822,900	4/89	Hayden	549	534	
	AH	4,761,394	8/88	Lauritzen	502	348	
	AI	5,100,859	3/92	Gerdes et al	502	439	
	AJ	6,368,998	4/02	Lockemeyer	502	347	
PHH	AK	5,102,848	4/92	Soo et al	502	218	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
PHH	AL	9604989 A1	2/98	WO	B01J	23/50		
	AM	00/15332	3/00	WO	B01J	23/04		
PHH	AN	00/15333	3/00	WO	B01J	23/50		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

PHH	AR	Kirk-Othmer's Encyclopedia Of Chem. Tech., 3 rd Ed., Vol. 9 (1980). pgs. 445-447. no month
1	AS	Letter to the European Patent Office, dated <u>July 11, 2000</u> , relating to European Patent Application No. 95203469.2-2104, publication No. 716884.
PHH	AT	Brunauer, Emmet and Teller, J. of American Chem. Society, Vol. 60 (1938): pages 309-316. no month

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<i>Plt</i>	AA	5,646,087	7/97	Rizkalla et al	502	347	
	AB	5,739,075	4/98	Matusz	502	302	
	AC	5,504,052	4/96	Rizkalla et al	502	347	
	AD	5,444,034	8/95	Rizkalla	502	347	
	AE	5,770,746	6/98	Cocker et al	549	534	
	AF	6,087,299	7/00	Grub et al	502	347	
	AG	6,372,925	4/02	Evans et al	549	536	
	AH	5,155,242	10/92	Shankar et al	549	534	
	AI	4,766,105	8/88	Lauritzen	502	216	
<i>Plt</i>	AJ	5,801,259	9/98	Kowaleski	549	536	
	AK						

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							Yes	No
<i>Plt</i>	AL	00/15334	3/00	WO	B01J	23/50		
	AM	00/15335	3/00	WO	B01J	23/50		
<i>Plt</i>	AN	933,130 A2	8/99	EP (Abstract)	B01J	23/66		

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

<i>Plt</i>	AR	Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE, XP002296657, J. Am. Chem. Society, Vol. 56, (1934); pages 1870-1872. <i>no month</i>
<i>Plt</i>	AS	International Search Report, PCT/US2004/010457
	AT	

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							Yes	No
<i>PH</i>	AL	266.015 A1	5/88	EP	B01J	23/68		
<i>PH</i>	AM	1,489,335	10/77	GB	B01J	23/66		
<i>PH</i>	AN	2004/002972 A2	1/2004	WO	C07D	301/10		

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							Yes	No
<i>Pat</i>	AL	716.884 A2	6/96	EP	B01J	23/66		
<i>Pat</i>	AM	003642 A2	8/79	EP	C07D	301/10		
<i>Pat</i>	AN	95/05896	3/95	WO	B01J	23/66		

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		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
DA	AL	352,849 A1	1/90	EP	C07D	301/10		
	AM	1,170,663	11/69	GB	B01J	11/20		
DA	AN	326,392 A1	8/89	EP	C07D	301/10		

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<i>Pat</i>	AL	WO 01/96324	12/01	WO	C07D	301/00		
	AM	352,850	1/90	EP	C07D	301/10		
<i>Pat</i>	AN	567,273	10/93	EP	C07D	301/10		

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DAH	AL	1,191,983 A	5/70	GB	C07d	1/14		
	AM							
	AN							

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